

CZEZOWSKA Z

CZEZOWSKA Z. and GARNUSZEWSKI Z. Z. Kliniki Chorob Zakaznych i z Kliniki Gruzlicy Pluc. Glodowy odczyn tuberkulinowy u swinek morskich zaszczepionych B.C.G. The tuberculin test in starved guinea-pigs inoculated with BCG, Polski Tygodnik Lekarski, Warsaw 1949, 4/39 (1152-1156)

Guinea-pigs in a state of starvation or with chronic nutritional deficiency were inoculated with 10 mg. BCG and then observed. It was found that in the early period, hunger can accelerate the appearance of tuberculous allergy, caused by a BCG injection, so that the pre-allergic period may be shortened to two days. Acute starvation can increase the intensity of the tuberculin reaction, but only in animals not in a state of great exhaustion. In the latter, the reaction did not appear at all. The appearance of the early tuberculin reaction in starvation was not dependent upon the state of acidosis but seemed to be connected with the development of ketone bodies, especially with the development of aceto-acetic acid in the tissues. The reaction had a specific character, depending on the presence of a sufficient quantity of living BCG bacilli in the guinea-pig. The early starvation tuberculin reaction did not appear after an inoculation with virulent tubercle bacilli. The reaction was modified, in a way similar to other tuberculin reactions after infection by a virulent tuberculous strain, by the variable individual reactivity of the skin.

Czezowska - Wrocław (IV, 15)

SO: Medical Microbiology and Hygiene, Section, IV, Vol 3, No 1-6

CZEZOWSKA, Z.

CZEZOWSKA Z.

O reaginach tuberkulinowych w sledzieniu morskiej swinki zaszczepionej BCG. /Reagins in the spleen of the guinea pig vaccinated with BCG/ Polski tygod. lek. 5:21 22 May 50 p. 808-12.

1. Of the Clinic for Infectious Diseases of the Wroclaw Medical Academy (Head—Docent Zofia Czezowska, M.D.) and of the Clinic for Pulmonary Tuberculosis of the Wroclaw Medical Academy (Head—Leslaw Wegrzynowski, M.D.).
CLML Vol. 20, No. 2 Feb 1951

CZEZOWSKA, Z.; GARBINSKI, T.

Passive transfer of tuberculin allergy to guinea pig with blood from
human tuberculosis. Polski tygod. lek. 8 no.6:201-204 9 Feb 1953.

(CIML 24:5)

1. Of the First Internal Clinic (Head--Prof. Zofia Czezowska, M.D.)
and of the Clinic of Lung Tuberculosis (Head--Tadeusz Garbinski, M.D.),
Wroclaw Medical Academy.

CZEZOWSKA, Z.;GARBINSKI, T.

Effect of desoxycorticosterone acetate on the amount of tuberculin reagent in leukocytes in tuberculosis. Polski tygod. lek. 8 no.8:309-312 23 Feb 1953. (CIML 24:5)

1. Of the First Internal Clinic (Head--Prof. Zofia Czezowska, M.D.) and of the Clinic of Tuberculosis (Head--Tadeusz Garbinski, M.D.) of Wroclaw Medical Academy. 2. Preliminary communication.

Czerwowska, Zofia

M ✓ *Bioactive properties of tuberculous reactants. Zofia Czerwowska, Tadeusz Garbasiak, and Irena Mochnicka (Med. Akad., Wrocław, Poland). *Sprawozdanie Wroclaw. Towarz. Nauk 6, Dodatek 1, 1-12(1961) (Pub. 1965).—Tuberculous reactants were shown to be present in protein and in protein-free lipid fractions of pancreatic tissues. The response of guinea pigs to intravenous and intraperitoneal injection of pancreatic extracts of infected animals was dependent on the diet fed.**

Alma S. Saczynski

(3)

CZEZOWSKA, Zofia; BAZALA, Leon; BARANCEWICZ, Jadwiga

Use of nitrogen yperite in allergic bronchial asthma. Polski tygod.
lek. 10 no.16:503-507 18 Apr 55.

1. Z Osrodku Astmologicznego w Szczawnie Zdroju i z I Kliniki
Chorob Wewnetrznych we Wroclawiu, kierownik prof. dr Zofia Czezow-
ska. Wroclaw, Wybrzeze Wyspianskiego 32 m. 4.

(ASTHMA, therapy,
nitrogen mustards)

(NITROGEN MUSTARDS, ther. use,
asthma)

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz.

Inhibition of tuberculin reaction by certain protein fractions
of the liver and spleen of BCG vaccinated pigs. Gruzlica 23
no.3:141-148 Mar '55.

1. Z I Kliniki Chorob Wewnętrznych A.M. we Wrocławiu. Kierownik:
prof.dr Z. Czezowska i Kliniki Gruzlicy A.M. we Wrocławiu. Kie-
rownik: doc.dr T. Garbinski, Wrocław, Pasteura 16, Klin.Gruzlicy.

(TUBERCULIN REACTION
inhib. by protein fractions of liver & spleen of BCG
vaccinated guinea pigs)

(BCG VACCINATION
tuberculin reaction inhib. by protein fractions of
liver & spleen of vaccinated guinea pigs)

(PROTEINS,
protein fractions of liver & spleen of BCG vaccinated
guinea pigs inhibiting tuberculin reaction)

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz

Inhibition of Koch's phenomenon by certain protein fractions of
the liver from guinea pig sensitized with BCG. Polski tygod.
lek. 11 no.16:679-681 16 Apr 56.

1. Z I Kliniki Chorob Wewn., kier. prof. dr. Zofia Czezowska
1 s Kliniki Grusilicy AM we Wroclawiu; kier. doc. dr. Tadeusz Garbinski,
I Klin. Chor. Wew. Wroclaw.

(TUBERCULOSIS, experimental,

Koch's phenomenon, eff. of liver protein fractions
from guinea pig sensitized with BCG (Pol))

(LIVER,

eff. of liver protein fractions from guinea pigs
sensitized with BCG on Koch's phenomenon (Pol))

(BCG VACCINATION, effects,
same)

CZEZOWSKA Zofia; GARBINSKI, Tadeusz

Prevention of experimental tuberculin death. Gruzlica 24
no. 9: 917-924 Sept 56.

1. Z Kliniki Chorob Wewnętrznych A.M. we Wrocławiu, Kierownik:
prof. dr. Z. Czezowska i z Kliniki Gruzlicy A.M. we Wrocławiu
Kierownik doc. dr. T. Garbinski, Adres: Wrocław, ul. Pasteura.

(TUBERCULIN, eff.

exper. tuberculin death in guinea pigs, prev. with
protein fraction precipitated after dilution stock
suspension of liver extract from guinea pig vaccinated
with BCG.)

(BCG VACCINATION, exper.

protein fraction precipitated after dilution of stock
suspension of liver extract from vaccinated guinea pig,
use for prev. of exper. tuberculin death in guinea pig.)

CZEZOWSKA, Zofia

Complications in diabetes mellitus. Polskie arch. med.
wewn. 26 no.7:1035-1040 1956.

1. Z I Kliniki Ch. Wewn. A.M. we Wrocławiu Kierownik: prof.
dr. med. Z. Czezowska, Wrocław, Klinika Chorob Wewn. A.M.
(DIABETES MELLITUS, complications,
(Pol))

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz; KOTZ, Jerzy

Experimental tuberculosis in passively sensitized guinea pigs.
Arch.immun.ter.dosw. 7 no.4:699-723 '59.
(TUBERCULOSIS immunol.)

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz

Influence of cortisone on the quantity and distribution of antituberculin antibodies in the blood of human patients with tuberculosis.
Arch.immun.ter.dosw. 9 no.2:241-252 '61.

1. I.Clinic of Internal Diseases and Clinic of Tuberculosis, School of Medicine, Wroclaw.

(CORTISONE pharmacol) (TUBERCULOSIS immunol)
(TUBERCULIN REACTION pharmacol)

1/1

Jaroslaw GORETZ, First Clinic of Internal Medicine, College of Medicine,
Head Prof Dr. Zofia CZYZOWSKA; First Surgical Clinic, head Prof Dr
Kazimierz CYRZEWSKI, and Gastrological Consultation Unit (irzykodna
Gastrologia), Head Doctor Dr Jan JACKOWSKI, Krakow.

"Regurgitation of Duodenal Contents into Stomach in Chronic Gastritis."

Witkon, Polski Tygodnik Lekarski, Vol 17, No 45, 3 Nov 1962; pp
1742-1747.

Abstract [English summary modified]: Studies in 104 patients with
gastritis and 40 controls. Duodeno-gastric regurgitation is much
commoner in gastritis (70 versus 30%) and seems related to psychoneurotic
lability. It accompanies rapid gastric emptying and low acidity, forms
vicious cycle. Two tables; about half of 10-odd references are Polish,
rest German.

CZEZOWSKA, Zofia; CHACHAJ, Wladyslaw; KOWAL-GIERCZAK, Barbara; WRZYSZCZ, Maria

The effect of methylene blue on urinary 17-hydroxycorticosteroids in patients with bronchial asthma. Pol. tyg. lek. 17 no.52:2017-2021 25 D '62.

1. Z I Kliniki Chorob Wewnętrznych AM we Wrocławiu; kierownik: prof. dr A. Kleczenski.

(METHYLENE BLUE) (ADRENAL CORTEX HORMONES)
(ASTHMA)

CZEZOWSKA, Zofia; KOWAL-GIERCZAK, Barbara; ROSLAWSKI, Adam; SKOROWA, Irena; WRZYSZCZ, Maria

Effect of cold on the urinary excretion of 17-hydroxycorticosteroids in patients with chronic progressive rheumatism. *Reumatologia* (Warsz.) 2 no.4:321-329 '64

1. 7 I Kliniki Chorob Wewnętrznych Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. med. A. Kleczenek) i z Oddziału Reumatologicznego Szpitala Wojewódzkiego im. J. Babińskiego we Wrocławiu (Ordynator Oddziału: dr. med. A. Rosławski).

ŁOŻEŻOWSKA, Zofia; KWAŚNICKA, Barbara; KŁĘDKA, Anna; KŁĘDKA, Irena; KRZYŻCZ, Maria

Effect of methylene blue on the excretion of C19-steroids and on the clinical picture of patients with chronic progressive rheumatism. Pol. Tyg. Lek. 20: 107-111, 1973-1975 N 9161

1. Z I Kliniki Chorób Newrologicznych im. prof. J. Babińskiego we Wrocławiu (Kierownika prof. dr. med. A. Flejczaka) i 2. Oddziału Reumatologicznego Szpitala Kolejowickiego im. J. Babińskiego we Wrocławiu (Ordynator: dr. med. A. Łożek).

CZEZOWSKA, Zofia; CHACHAJ, Wladyslaw; KOWAL-GIERCZAK, Barbara; WRZYSZCZ,
Maria

Effect of a vascular factor on the urinary excretion of 17-hydroxycorticosteroids in allergic bronchial asthma patients.
Pol. tyg. lek. 19 no.33:1263-1266 17 S '64.

1. Z I Kliniki Chorob Wewnetrzny Akademii Medycznej we Wrocławiu
(kierownik: prof. dr med. Aleksander Kłeczenski).

WRIGHT, Irving S.; CZERWINSKA-KOSSOBUDZKA, Barbara

Nomenclature of blood coagulation factors. Postepy hig. med. dosw.
16 no.3:585-596 '62.

1. Przewodniczacy Miedzynarodowego Komitetu Czynnikow Krzepliwosci
Krwi (for Wright) 2. Opracowala i tlumaczyla Z Instytutu Immunologii
i Terapii Doswiadczonej PAN im. Lw Hirszfelda we Wroclawiu Zaklad
Patofizjologii (for Czerwinska-Kossobudzka).

(BLOOD COAGULATION FACTORS) (NOMENCLATURE)

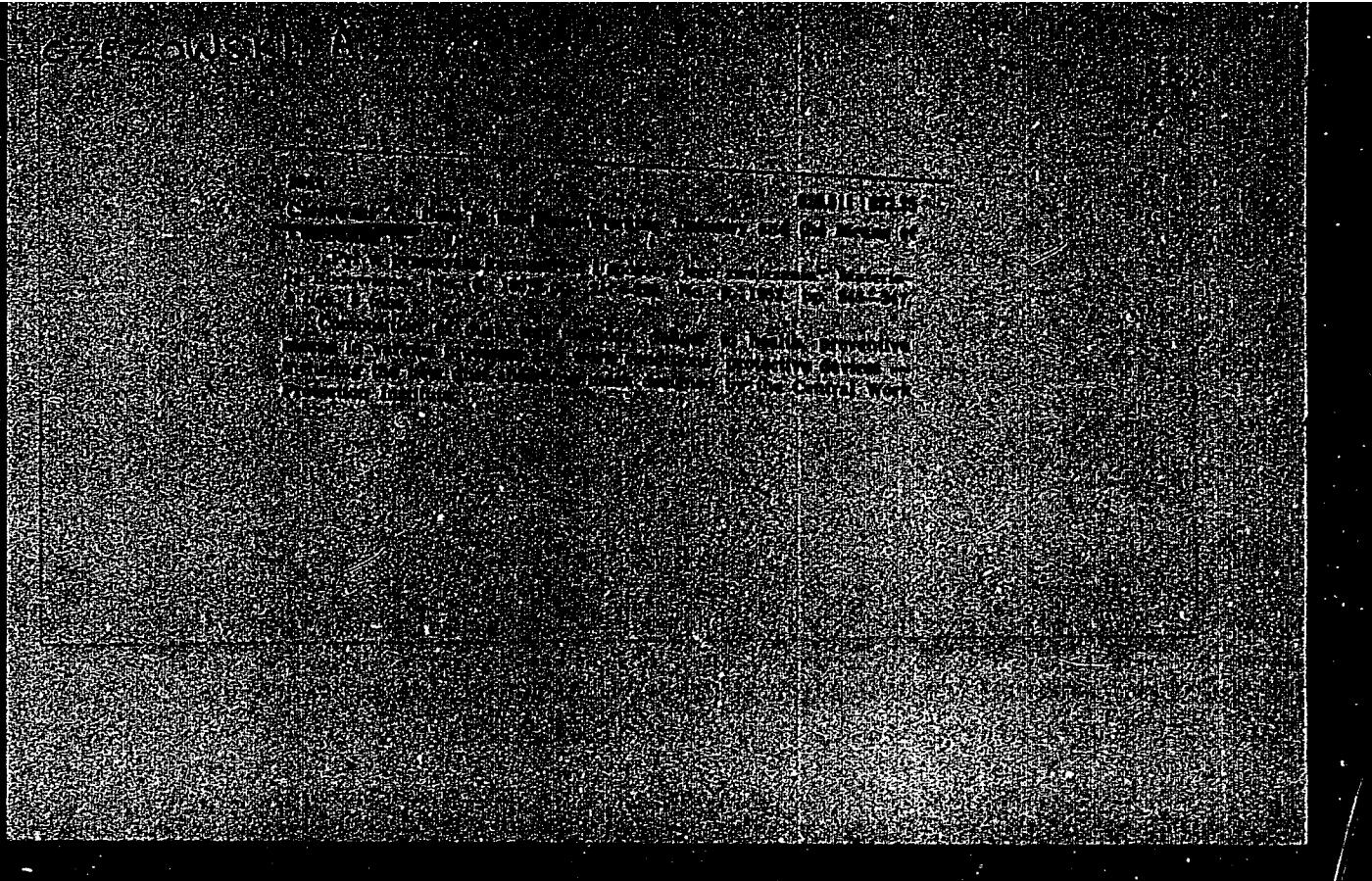
KOWARZYK, Hugon; MARCINIAK, Ewa; CZERWINSKA-KOSOBUDZKA, Barbara

Factor V and autoprothrombin C. Pol. med. wewnet. 32 no.7:725-727
162.

1. Z Katedry Patologii Ogolnej i Doswiadczałnej AM we Wrocławiu
Kierownik: prof. dr med. H. Kowarzyk i z Zakładu Patofizjologii
Instytutu Immunologii i Terapii Doswiadczałnej PAN im. L. Hirszfelda
we Wrocławiu Kierownik: prof. dr med. H. Kowarzyk.
(BLOOD COAGULATION FACTORS) (PROTHROMBIN)

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CIA-RDP86-00513R000509510013-7"

CZEZOWSKI, A.

"Technology of cutting building stone." p. 325. (MATERIALY BUDOWLANE, Vol. 8, no. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

GZEZOWSKI, A.

"A Field Apparatus for Measuring the Wearability of Floor Tiles." p. 239, Warszawa, Vol. 25, no. 7, July 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

CZEZOWSKI, A.

4088

679.8.061.2; 691.83

Czestkowski A. On the Application of Shaping Machines for Tooling Stone.

"O stosowaniu maszyn strugarek do obróbki kamienia". Materiały Budowlane, No. 1, 1958, pp. 29-31, 4 figs.

This paper discusses a new and economic method of tooling stone, suitable for soft and medium hard, fairly fine-grained rocks (sandstone, limestone, marble). The method consists in using cutting tools for detaching layers of stone without pulverising them. The cutting edges, adapted to the shape and hardness of the stone, are made of tool steel or sintered metals (the latter work 50 times longer) and can take off the stone in layers of 15 mm. The construction of the shaping machine is based on the pattern of machines for metalwork, but differs in that the cutting tool is immobile and the movements are carried out by the table and by the axis which is parallel to the table and on which the semi-product rotates. Three types of shaping machines are suitable for cutting grooves and flutes in posts and columns with flat and round surfaces.

CZEZOWSKI, A.

After the conference on the building stone industry in the
5-year Plan. p. 106. MATERIALY BUDOWLANE, Warszawa. Vol. 11,
no. 4, Apr. 1956.

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

CZEZOWSKI, A.

Ways of progress in the production of irregular blocks for pavement,
size 9/11 cm. p. 41
(DROGOWNICTWO, Vol. 12, No. 2, Feb. 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LG, Vol. 6, No. 9, Sept. 1957
Uncl.

CZĘŻOWSKI, A.

Use of hand-loaded hods for transporting crushed rock in quarries.

P. 298. (MATERIALY BUDOWLANE) (Warszawa, Poland) Vol. 12, no. 10, Oct. 1957

SO: Monthly Index of East European Accession (BEAI) LC Vol. 7, No. 5, 1958

CZIPERE, T.

On heating roll-symmetric blooms. II. Approximate testing of roll-symmetric nonlinear heat transfer process on the basis of the first boundary condition. III. Determination of nonlinear heat transfer process in sufficiently long round bars on the basis of the third boundary condition. p.23.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOOLINKEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Unclassified.

CZIBERE, T.

Computation method for the design of straight airfoil lattices with
strongly curved profile blades, II. Acta techn Hung 28 no.3/4:
241-280 '60. (EEAI 9:9)

1. "Ganz-Mavag" Lokomotiv-, Waggon- und Maschinenfabrik, Budapest.
(Airfoils)

CZIBERE, T. (Ganz-Mavag Kozpinti Vizgeptervező Iroda, Budapest, VIII.
Konyves Kalman krt. 76.)

Repetition process for the profile determination of straight and
radial blade grid by means of optional carrier curve of the hydro-
dynamical singularities. Periodica polytechn eng 5 no.1:65-77 '61.

1. Lehrstuhl fur Mathematik der Fakultat fur Maschinenwesen, der
Technischen Universitat, Budapest. Vorgelegt von Prof. dr. Ing.
S. Borbely.

(Hydraulic machinery)

CZIBERE, T.

On the calculation of the blade profile of hydraulic machines
with semiaxial flow. Acta techn Hung 44 no.1/2:149-193 '63.

1. "Ganz-Mavag" Lokomotiv-, Waggon- und Maschinenfabrik,
Budapest.

CZIBERE, Tibor, dr.

"Hydraulic machinery, internal combustion engines" by [Dr]
Jozsef Varga. Reviewed by Tibor Czibere. Muszaki kozl
MTA 32 no.1/4:477 '63.

CZIBERE, Tibor, dr.

Iteration computing method for determining the blade profiles
of straight and radial blade grids. Gep 16 no.1:27-31 Ja'64.

1. Ganz-Mavag Kozponti Vizgeptervező Iroda.

CZIBOK, Bela

Experiences in control supervision of boiler plants. Ipari
energia 2 no.8/9:175-177 Ag-S '61.

1. A Notechnikai Kutato Intezet igazgatoja.

SZADAY, Rezso; CZIBOK, Bela

Changing operational conditions of steam turbines, Musz elet
18 no.16:10 1 Ag '63.

CZIBOK, Bela

Experiences gained in the thermal power plants of the friendly countries. Energia es atom 16 no. 98400-402 8'63

1. Motechnikai Kutato Intezet igazgatoja.

CZIBOK, Bela

Certain method for satisfying the peak loads of electric power.
Energia es atom 17 no.3:130-135 Mr '64.

1. Director, Research Institute of Heat Engineering, Budapest.

CZIBOL, J.

right materials in the right place. p. 23.
JOURNAL OF POLITICAL PHILOSOPHY, Vol. 9, no. 3, Mar. 1995.

SC: Monthly List of East European Accessions, (S.E.L.), 13, Vol. 2, no. 12, Oct. 1955,
Uncl.

CZIBOR, Janosne; HOLLO, Janos, dr.

The 7th general meeting of the Scientific Association for Agricultural and Food Industries. Elelm ipar 12 no.6/7:165-169 Je-Jl '58.

1. Mezogazdasgi es Elelmiszeripari Tudomanyos Egyesulet titkara (for Czibor).
2. Mezogazdasgi es Elelmiszeripari Tudomanyos Egyesulet fotitkara (for Hollo).

CZIBOR, Janosne

An account of the social program. Elelm ipar 13 no.7:234
Jl '59.

CZIBOR, Janosne

News of the association; activities of the Scientific Association
for Agricultural and Food Industries. Elelm ipar 14 no.6:191-
192 Je '60.

CZIBOR, Janosne

News of the Scientific Association for the Agricultural and Food
Industries. Elelm ipar 14 no.7:224 Jl '60.

CZIBOR, Janosne

The 1961 work of the Scientific Society of Agricultural
and Food Industries. Cukoripar 15 no.5:147-148 My '62.

l. Mezogazdasagi- es Elelmiszeripari Tudomanyos Egyesulet
titkara.

CZIBOR, Janosne

An account of the operations of the International Committee
of Agricultural Industries. Elelm ipar 16 no.4:124-125 Ap '62.

1. MITE Titkarsag.

CZIBOR, Janosne

A criticism of the periodical "Elelmezesi Ipar"; a plan of
articles of our section's periodicals. Elelm ipar 16 no.4:
127 Ap '62.

1. MITE-titkar.

CZIBOR, Janosne

Appraisal of the 1961 work of the Scientific Association of
the Agricultural and Food Industry. Elelm ipar 16 no.6:
192-3 of cover Je '62.

1. Mezogazdasagi es Elelmiszeripari Tudomanyos Egyesulet
titkara, es "Elelmezesi Ipar" szerkeszto bizottsagi tagja.

CZIBOR, Janosne

The position of young engineers and technicians in the food industry. Elelm ipar 16 no.8:255-3 of cover Ag '62.

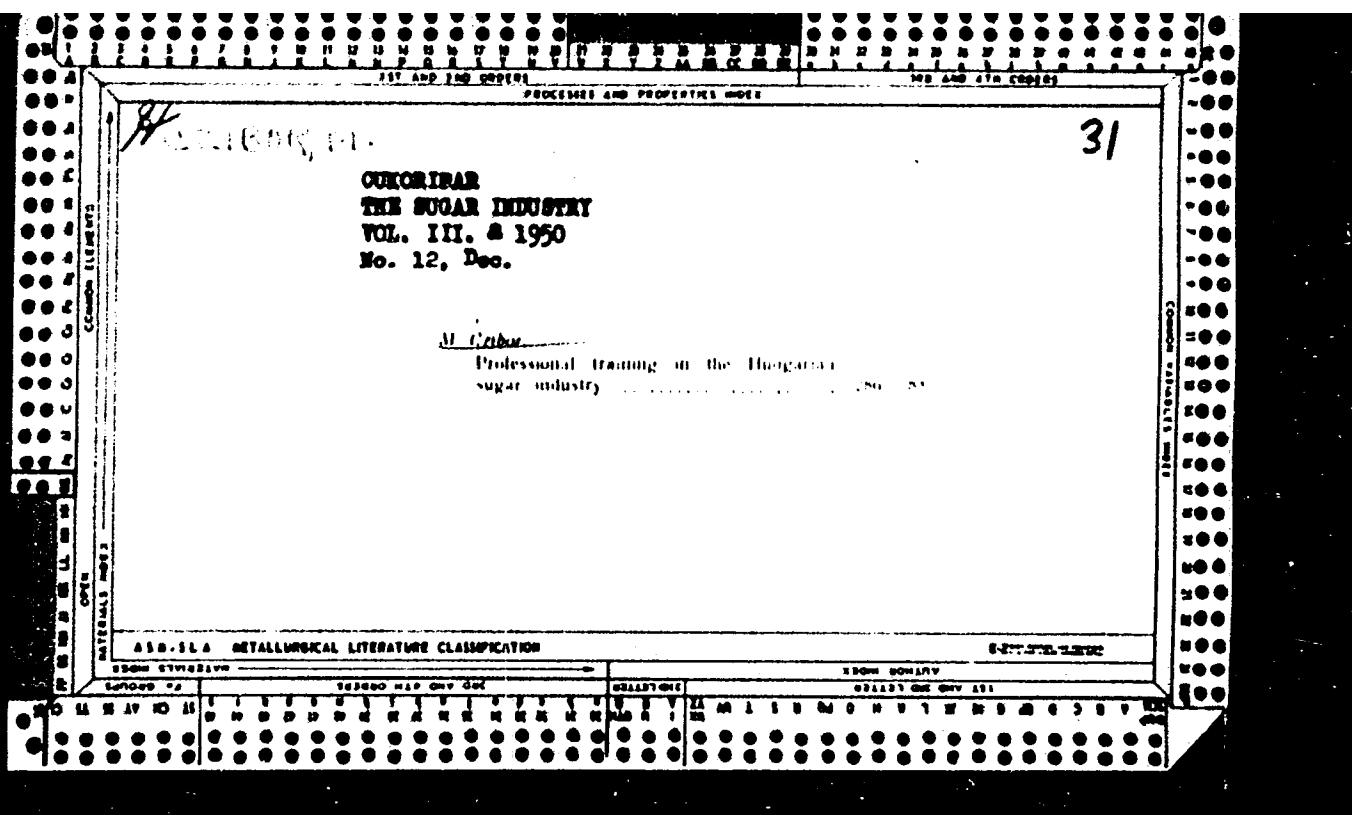
1. Mezogazdasagi es Elelmzesipari Tudomanyos Egyesulet, es "Elelmzesi Ipar" szerkeszto bizottsagi tagja.

CZIBOR, Janosne

An account of the general meeting arranged by the Scientific Association for the Agricultural and Food Industries. Cukor 11 no.8:3-4 of cover. A_E'58.

CZIBOR, Janosne, dr.

Session of the delegates of the Scientific Association of the Agricultural, Food and Sugar Industries, May 12, 1961. Uukor 14 no.7:193-194 Jl '61.



CZIRORÉT

Distr: 4E2b(b)/4E2b(v)

457/60

621-210.3.001.24
A method of computation for the design of straight airfoil lattices with blades of strongly curved profile. (In German)
T. Cziroré, 1960 Technica Akademie Schriftenreihe Hydromechanik, Vol. 16, 1960, No. 1-2, pp. 49-71, 6 figs.

A method of computation is published for determining the blade sections of a straight airfoil lattice with a given angle of deflection and a given number of blades as well as the flows and pressures around them. The fluid is assumed

to be incompressible and frictionless. The investigations are based on the methods of the theory of complex functions. The Schots method is generalized (asymptotic) - the distributions of singularities which hydrodynamically replace the blade profile (distribution of sources and sinks) are no longer placed along the blade chord but along a suitably chosen curve approximating the frame line of the blade by iteration. The new method therefore furnishes an approximation of the second order and its field of application extends to the design of blade profiles with arbitrarily chosen curvature. As special cases, the results contain the theory based on a straight series of singularities and the method for designing slightly bent blade profiles for which a single iteration is practically sufficient.

GOTH, Endre, dr.; MOLNAR, Bela, dr.; HAMMER, Sarolta, dr.; ULKEY, Eszter, dr.;
technikai asszisztens: CZIBULA, Etelka; SCHWENDTNER, Hanna

Studies on the human growth hormone. Orv. hetil. 102 no.42:1982-1986
15 0 '61.

1. Budapesti Janos Korhaz-Rendelointezet, II Belosztaly, Kozponti
Laboratorium es Kobanyai Gyogyszerarugyar.

(SOMATOTROPIN)

GOTH, Endre; MOLNAR, Bela; HAMMER, Sarolta; DOBY, Arpad; ULKEY, Eszter;
technikai asszisztens: CZIBULA, Etelka; SCHWENDTNER, Hanna

Studies with human growth hormone. Kiserl. orvostud. 13 no.5:495-
499 O '61.

1. Kobanyai Gyogyszergyar os Janos Korhaz-Rendeloi-intemet II. belosztalya
es Kozponti Laboratorium.
(SOMATOTROPIN pharmacol.)

RADO, Janos, dr.; HAMMER, Sarolta, dr.; SZILAGYI, Laszlo, dr.; technikal
asszisztens: CZIBULA, Etelka; HIDEGL, Katalin

Effective treatment of decompensated liver cirrhosis with new
synthetic glucocorticoids (6 methylprednisolone, Oradexon^R) and
thiazide compounds (dihydrochlorothiazide, chlorthalidone-Hygrotone^R,
bendroflumethiazide) combined with mercurial diuretics. Magy. belorv.
ardh. 15 no.4:144-156 Ag '62.

1. A Janos Korhaz Rendelointezet Izotop Osztalyanak es Kozponti
Laboratoriumnak kozlemenye.

(LIVER CIRRHOSIS) (CUSHING'S SYNDROME) (METHYLPREDNISOLONE)
(DEXAMETHAZONE) (HYDROCHLORTIAZIDE) (CHLORTIAZIDE)
(DIURETICS, MERCURIAL) (HEPATITIS) (ALKOHOLISM)
(CHOLELITHIASIS) (COLLAGEN DISEASES)

Automatic tire repairing cement. Vanya Kostylev and
Pal Zubrilov. (USSR 129,121, March 1, 1969). Rubber
is disintegrated and carefully heated to incineration, and dis-
solved in gasoline and 3.4% a part by wt of cork powder is
added. This mixt. can be poured into the internal cavity
of a tire to fill up punctures automatically.

ASML-1A METALLURGICAL LITERATURE CLASSIFICATION

CZICHON, Herbert; KOBENDZA, Andrzej

Application of photosensitive layers with vinyl polyalcohol in
the production of semi~~conductive~~ devices. Przegl elektroniki 3
no.12:701-703 D '62.

1. Zaklad Elektroniki, Instytut Podstawowych Problemow Techniki,
Polska Akademia Nauk, Warszawa.

P/053/62/000/012/006/011
E192/E382

AUTHORS: Czichon, Herbert and Kobendza, Andrzej

TITLE: Use of photo-sensitive layers with vinyl polyalcohol
in the manufacture of semiconductor devices

PERIODICAL: Przegląd elektroniki, no. 12, 1962, 701 - 703

TEXT: The shape of various active surfaces (e.g. emitter, base or diode junctions) can be controlled by using photo-sensitive layers made with vinyl polyalcohol, which is sensitized with the compounds of heptivalent chromium. These layers are useful for etching patterns on germanium and silicon surfaces, etching predetermined spots on silicon oxides and deposition of electrodes. Apart from that, the layers can be used in deep etching of silicon and germanium necessary in the manufacture of mesa transistors and for providing masks during the deposition of metal layers. There are 3 figures.

ASSOCIATION: Zakład Elektroniki IPPT (IPPT Electronics Laboratory)

Card 1/1

S/275/63/000/003/013/021
A052/A126

AUTHORS: Czichon Herbert, Kobenda Andrzej

TITLE: A method of removing oxide films from certain parts of semiconductor surfaces

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye, no. 3, 1963, 40, abstract 3B258P. (Pol. pat., cl.21g, 11/02, no. 45432, December 27, 1961)

TEXT: It is proposed to use as a photoresistor for silicon-base oxide films aqueous solution of poly vinyl alcohol sensitized by ammonium bichromate with an addition of a surface-active substance. After exposing the applied layer through the negative the unexposed parts of the emulsion are removed by washing in water. The tanned parts are treated in a chromic acid-solution of 50g/l concentration, or in a sulfurous phenolformaldehyde resin solution. To increase the acid-resistance after treatment in chromic acid, it is heated at 150 - 200°C during ~15 min; in the case of resin-solution treatment it is done at 220 - 330°C. After that the silicon oxide is etched off with hydrofluoric-acid solution to which ammonium fluoride is

Card 1/2

A method of removing oxide films from...

S/275/63/000/003/015/021
A052/A126

added to reduce the water diffusion into the emulsion layer. When etching is finished the photoresistor is removed by heating the plates in saccharic, acetic or tartaric acid solution of 30 - 100g/l concentration.

N.S.

[Abstracter's note: Complete translation.]

Card 2/2

P/014/62/041/004/004/004
D204/U301

AUTHORS: Czichon, Herbert and Kobendza, Andrzej

TITLE: Removal of oxides from specific locations on surfaces
of semi-conductors

PERIODICAL: Przemysł chemiczny, v. 41, no. 4, 1962, 217

TEXT: Patent no. 45432; class 21g, 11/02. Property of Polska Akademia Nauk (Instytut podstawowych problemów techniki), (Polish Academy of Sciences (Institute of Fundamental Technological Problems)) in Warsaw. The patent describes a method of oxide removal from specific locations on semi-conductors which depends on covering the plate with a photosensitive layer containing polyvinyl alcohol and ammonium dichromate. This emulsion is exposed to light through a negative and developed. The undeveloped areas are colored, hardened and etched in solutions containing HF and NH_4F . After removal of oxides the remaining emulsion is dissolved by heating in solutions of saccharic, oxalic or tartaric acids. The patent dates from May 24, 1961. [Abstractor's note: Complete translation].

Card 1/1

CZICKELI, H.

Contribution to the problem of the allergic etiology of
angina pectoris and myocardial infarct. Klin. Med., Wien
5 no.8:364-367 Aug. 1950. (CIML 20:1)

1. Of the Internal Department of the Regional Hospital in Bruck
a.d. Mur (Head--H. Czickell, M. D.).

CZICHON, Herbert, mgr.; MONDRY, Jan, inz.; ORLOWSKI, N.

Composition of microcrystalline zinc sheets for one-step etching process. Poligrafika 13 no.8:3-6 Ag '61.

1. Centralne Laboratorium Poligraficzne, Warszawa (for Czichon). 2. Zaklady Cynkowe "Silesia" (for Mondry, Orlowski).

CZICHON, Herbert, mgr.

Agfalith printing films. Poligrafika 13 no.8:15-20
Ag '61.

1. Centralne Laboratorium Poligraficzne, Warszawa.

CZICHON, Herbert, mgr.; DOROCINSKI, Jan, inz.

Application of vinyl polyalcohol to the preparation of chemigraphic
emulsion sensitive to light. Pt.1. Poligrafika 13 no.9:8-13
S '61.

1. Centralne Laboratorium Poligraficzne, Warszawa.

CZIER, B. EXCERPTA MEDICA Sec 11 Vol.11/9 O.R.L. Sep 58

1729. ABORTIVE CASE OF DYSOSTOSIS CRANIOFACIALIS CROUZON - Dysostosis crano-facialis Crouzon abortiv esete - Czier B. and Halász I. Miskolc Városi Kórház Orr-fül-gégészeti Osztályának és Röntgen Osztályának, Közös, Közl. - FÜL-, ORR-, GÉGEGYÓG. 1957, 2 (80-93) Illus. 3

The patient displayed turrice; eły, middle-ear deafness, funnel-shaped contraction of the meatus, underdevelopment of the maxillae, exophthalmos, discoloration of the papillae. The authors hold the pattern to be an abortive case of dysostosis craniofacialis Crouzon. Missing symptoms are explained by Bonnevieu's theory.

BLIŃSKI, Z.; MUDR, W.; RUBAKOW, J.

"Machine for Testing the Breaking of Ceramic Alloys", I. 376,
(PRZEGŁAD GOSZCZÓW, Vol. 10, No. 11, New Year 1977, Katowice, Poland)

SC: Monthly List of East European Acquisitions ("EAL"), 16, Vol. 1, No. 3,
March 1975, Uncl.

CZIFFER, G.

SZABO, I., CZIFFER, G.

Significance of the acid-resistant saprophytes in
diagnosis of tuberculosis. *Tuberk. kerdesei* 5 no.2
29-32 June 1953. (CLML 25:5)

1. Doctors. 2. Koranyi State Tubercular Sanatorium
(Director - Head Physician --- Dr. Pal Dessaar) and
National Tuberculosis Diagnosis and Research Laboratory
(Head --- Dr. Istvan Szabo).

CZIFFER G.

NEMETH, Tibor, dr.; CZIFFER, Gyorgy, dr.; SZARVAS, Ilona, dr.

Fate of patients discharged from the hospital with positive
tuberculous reaction in sputum. Tuberk. kerdesei 7 no.3:38-40
June 54.

1. Az Allami Koranyi Tudobeteggyogyintezet (igazgato-foorvos:
Dessauer Pal dr.)

(TUBERCULOSIS, PULMONARY,
progn. in patients discharged from hosp. with positive
reaction in sputum)

CEIFFERY-MEZNERICS, L.

New information on the Sarmatian flora of Felsotakany. In French. p.231.
(Magyar Nemzeti Muzeum Termeszettudomanyi Muzeum Evkonyve, Vol. 7, 1956,
Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAI) LC. Vol. 6, no. 9, Sept. 1957. Uncl.

CZIFFERY-SZILAGYI, Mme G.

On the Sarmatian vegetation and climate of Erdobenye, Hungary. *Acta
bot Hung* 6 no.3/4:209-219 '60. (EEAI 10:6)

1. Department Botanique du Musee d'Histoire Naturelle, Budapest.
(Hungary--Plants) (Hungary--Climate)

CZIGANY, B.

Industrial congress of innovators, inventors, and outstanding workers of the electric-power industry. p. 39.

VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary.
Vol. 7, no. 1/2, 1959.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 2, /1959.

Uncl.

July

CZIGANY, B.

For a pragmatic investigation of breakdowns! p. 62.

VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary.
Vol. 7, no. 1/2, 1959.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 2, 1959.

Uncl.

July

CZIGANY, Bela, okleveles villamosmernok

Newer methods for locating faults in electric power transmission
lines. Elektrotechnika 53 no.10:435-442 '60

1. Eszakdunantuli Aramszolgaltato Vallalat Műszaki Fejlesztési
Osztályanak vezetője.

CZIGANY, JENO.

Gyori utikalauz. (Gyor) Gyor-Sopron Megye Tanacsra Idegenforgalmi Hivatalanak
kiadvanya, 1955. 64 p. (Gyor; a traveler 's guidebook. illus, map, indexes)

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

DUCHON, Jeno, dr.,; CZIGANY, Jeno, dr.,; TARCSY, Gyula, dr.

Combined colchicine-roentgen therapy of cancer. Orv. hetil. 96
no.47:1311-1313 20 Nov 55.

1. A Pecsi Orvostudomanyi Egyetem Ful-Orr-Gege Klinika janak
(igazgato: Szeker Jeno dr.) korlem.

(THROAT, neoplasms,
ther., colchicine with x-rays)

(COLCHICINE, therapeutic use,
cancer of throat, with x-rays)

(RADIOTHERAPY, in various diseases,
cancer of throat, with colchicine)

CZIGANY, Jeno, dr.

Therapeutic experiences with long-acting depot sulfonamides in
oto-, rhino- and laryngological diseases. Orv. hetil. 101 no.27:
956-957 3 Jl '60.

1. Györ-Sopron Megyei Tanacs Kórháza, Pul-, Orr-, Gegeosztály
(SULFONAMIDES ther.)
(OTORHINOLARYNGOLOGY. ther.)

CZIGANY, Jeno, dr.

Etiology and treatment of sinusitis in childhood. Orv. hetil.
106 no. 30:1413-1416 25 Jl'65.

1. Györ-Eopron Megyei Tanacs Korhaz, Ful-, Orr-, Gegeosztaly
(Hoervics Csillaagh, Sandor, dr.).

6,6000

23505

H/009/61/000/004/001/005
D021/D105

AUTHORS: Géher, Károly; Czigány, Sebestyén; Forgó, Mihály; and
Villányi, Otto, Members of the Society (see Association)

TITLE: Measurement of the Budapest television chain transmission
characteristics

PERIODICAL: Magyar Híradástechnika, no. 4, 1961, 134-144

TEXT: The article reports on the measurements of the Budapest television
chain transmission characteristics, carried out by a committee of the
Híradástechnikai Tudományos Egyesület (Communication Scientific Society)
from 18 Sept to 8 Oct 1960. The purpose of the measurements was to de-
termine those characteristics of the television chain which can be mea-
sured according to general practice at each link, and to prepare for de-
tailed and exhaustive measuring to be carried out at a later date. The
measurements which embraced certain characteristics of individual links,
such as nonlinearity, square wave pulse transmission, amplitude charac-
teristic and transmission time characteristic were carried out on the

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D021/D105

Measurement of the Budapest television

studio, the microcable, the 5-channel distributing amplifier, the microwave radio system, the transmitter and the receiver. Results of these measurements are shown in Table 1 and in Fig. 14, 15, 16 and 17. Due to the lack of international standards applicable to domestic communication systems, the "CCIR Recommendation Nr 267, Los Angeles, 1959" on 2,500-km-long television chains was adopted. Since the problem of correlating amplitude characteristics with wave form distortion has not yet been solved, and since this question represents the basic problem of the CCIR Recommendation, the authors summarized the results of their measurements pertaining to this subject, as shown in Fig. 18. The authors present 33 of the 250 photos taken during measurements, accompanied by appropriate explanations. The results of the authors' work found practical application by various institutions and the communication industry; Magyar Rádió és Televízió (MRT) (Hungarian Radio and Television) installed a new amplifier for compensating cable losses, the Posta Rádió Műszaki Hivatal (Postal Radio Engineering Office) amended the characteristics of the transmitter, and

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Measurement of the Budapest television

the "Orion" Plant increased the 3-db point of the amplitude characteristic of the AT-403 receiver to 4-4.2 Mc. The committee carrying out the measurements consisted, in addition to the authors, of the following members: Engineer Kázmér Csepreghy-Horváth, Laboratory head, and Engineer Sándor Steffel, both employed by the Elektromechanikai Vállalat (Electromechanical Enterprise), Károly Froemel, Engineer of the "Orion" Plant and Miklós Horváth, physicist of the MRT. There are 51 figures, 1 table and 11 references: 6 Soviet-bloc and 5 non-Soviet-bloc. The references to English-language publications read as follows: C.C.I.R. Documents of the IX-th plenary assembly, Los Angeles, 1959, Volume I. Recommendations; IRE Standards on television: Methods of testing monochrome television broadcast receivers, 1960, Proc. IRE, Jun. 1960; I.F. Macdiarmid: Wave form distortion in television links. The Post Office Electrical Engineers Journal, Jul-Oct 1959; H. Nyquist and K.W. Pfleger: Effect of the quadrature component in single sideband transmission. Bell System Technical Journal, Jan. 1940.

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23505
 H/009/61/000/004/001/005
 D021/D105

Measurement of the Budapest television

ASSOCIATION: Hiradástechnikai Tudományos Egyesület (Communication
 Scientific Society)

Table 1

(A)

	Non-linearity	50 kc	250 kc		amp	Tau
			Overshoot	Transition		
Studio	3.5%	+ 1%	+3.5% -1.5%	108 ns	Fig. 12	Fig. 12
Cable connecting the studio with the microwave radio system	-	-	-	-	Fig. 12	Fig. 12

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GEHER, Karoly; CZIGANY, Sebestyen; FORGO, Mihaly; VILLANYI, Otto

Measurement of the transmission characteristics of the Budapest television chain. Magy hir techn 12 no.4:134-144 Ag '61.

1. Hiradastechnikai Tudomanyos Egyesulet tagjai.

CZIGLANY, Floris, dr.; BARANYAI, Pal, dr.

Results achieved with Chlorocid syrup in infancy. (Blood and urine analysis, clinical experiences. Gyermekgyogyaszat 13 no.9:277-283 S '62.

1. Heim Pal Gyermekkorhaz. II. Csecsemo Osztaly es Laboratorium.
(CHLORAMPHENICOL) (BLOOD CHEMICAL ANALYSIS)
(BRONCHOPNEUMONIA) (BRONCHITIS) (STAPHYLOCOCCAL INFECTIONS)
(IMPETIGO) (LYMPHADNITIS) (PYURIA) (ENTERITIS)
(URINE) (OTITIS MEDIA)

DOBSZAY, Laszlo, dr.; CZIRBESZ, Zsuzsa, dr.; CZIGLANY, Floris, dr.;
KALMAN, Eva, dr.

Staphylococcal scarlatoid. Orv.hetil. 101 no.51:1816-1818
18 D'60.

1. Fovarosi Heim Pal Gyermekkorhoz.
(SCARLET FEVER diag)
(STAPHYLOCOCCAL INFECTIONS diag)

DOBSZAY, L.; KAIMAN, Eva; CZIGLANY, F.; BARANYAI, P.

On chronic staphylococcal enteritis. Acta paediat. acad. sci. Hung. 2
no.3:179-190 '61.

1. Städtisches "Heim Pal" Kinderkrankenhaus, Budapest (Direktor:
Dr. J. Sarkany).

(STAPHYLOCOCCAL INFECTION in inf & child)
(ENTERITIS in inf & child)

CZIGLANY, F.; BARANYAI, P.

Experience with intramuscular administration of Chlorocid preparations in pediatrics. Gyermekgyogyaszat 12 no.5: 156-160 My '61.

1. Heim Pal Gyermekkorhaz es Poliklinika II. Csecsemo Osztaly es Laboratorium.

(PEDIATRICS ther.) (CHLORAMPHENICOL --therapy)

CZIGLANY, Floris

HUNGARY

MD

Pal Heim Children's Hospital, No. 2 Department
of Infants (Heim Pal Gyermekkorhaz, II. Csecsemo Osztaly)

Budapest, Gyermekgyogyaszat, No 9, Sep 62, pp 277-283.

"Results Obtained with Chlorocid Syrup in Infancy.
(Blood and Urinalysis, Clinical Experiences)"

Co-author:

BARANYAI, Pal, MD, Pal Heim Children's Hospital,
Laboratory

WILHELM, VILHELM

Contribution of experience to performance. *Acta Psychol* 1973; 33: 13-23 no.7:
413-422. 1973.

CZIGLINA, Vilmos

Construction on undermined regions. Musz elet 19 no.22: 15 22 0 164.

CZIGLENYI, L.

Melyepitestudomanyi Szemle - Vol. 5, no. 2, Feb. 1955.

L. Tapai and M. Szalay's Arvizvedelmikezikonyv (Handbook for Flood Protection); a review. p. 95.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

CZIGLER, P.

Local streptomycin treatment of osteoarticular tuberculosis. Orv.
hetil. 93 no.1:10-19 6 Jan 1952. (CLML 23:2)

1. Doctor. 2. Bone Tuberculosis Department (Director -- Head Physician
-- Prof. Dr. Tibor Bakacs; Assistant Head Physician -- Prof. Dr.
Boldissar ~~Kenneth~~, Janos Hospital Budapest.

✓ 93. Open caisson foundations constructed with the aid of recoverable steel plate tubing. V. Cagliano. *Miljopisstudomnyi Sbornik*. Vol. 5, 1955, No. 3, pp. 393-401. 18 figs.

In all cases where there is a layer of quicksand or organic silt of varied depth over the underlying load-bearing gravelly stratum and if the ground water table is close to the surface the open caisson method of foundation work using recoverable steel plate tubing can be advantageously applied. Large diameter tubes made of steel plates are forced by hydraulic jacks down to the load-bearing layer with simultaneous underwater excavation from within by clamshells. Large (120-100 cm) diameter piles are thus constructed by underwater concreting and simultaneous withdrawal of the tube. Advantages of the new method are (1) skin friction may be taken into account thereby increasing the load-bearing capacity by 25% even by conservative estimates, (2) the elimination of sagging permits the use of the method in the vicinity of existing buildings, (3) man-hours, reinforcing steel and wooden formwork are economized, (4) extensive use of mechanical equipment results in faster, continuous work. The employment of d. c. during the sinking operation and withdrawal reduces skin friction by 20 to 40%. A pier of 160 cm diameter, 10 m deep, carrying 300 tons was sunk in 20 hours by a 6-man team during the building of a grain silo.

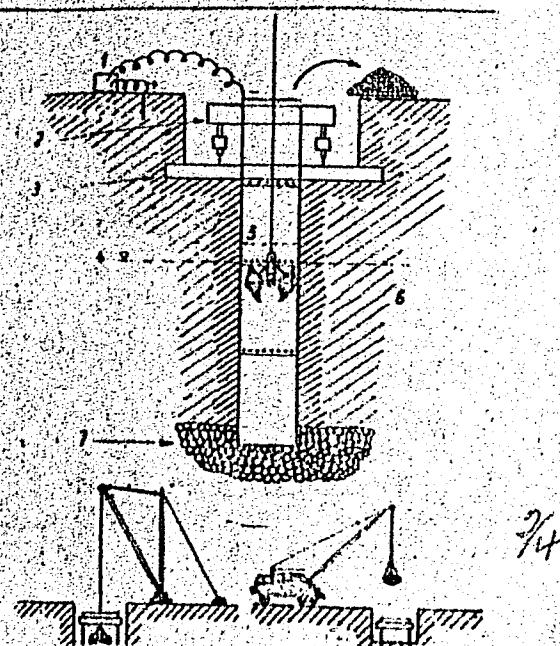
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CZIGLINA, V.

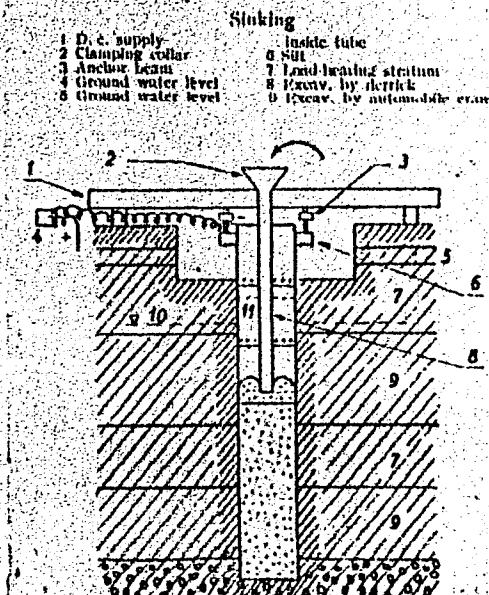


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CZIGLINA, V



C. 100/100, V

Concreting and withdrawal

1 Supporting beam	6 Wooden sleep
2 Molding	7 Grit
3 Water-pump acting by	8 Concreting tubs
4 Air	9 Quicksand
5 Water supply	10 Ground water pipes
6 Lenses	11 Ground water pipes inside tubes

11

11

80. New methods of designing and building introduced at the Tiszapalgar granary. V. Cziglina, K. Horvath, K. Csaják. *Mályar Építés*, Vol. 4, 1955, No. 9, pp. 423-427. 8 figs.

Notable

Compared to the ordinary scaffolding and formwork which consumes great quantities of timber in the construction of silos only the sliding formworks can be registered as progress so far. The sliding formwork has proved most satisfactory in building detached cooling towers and silos. However for four or more interconnected silos the sliding formwork meets with difficulties due to the curved shape of the surface between the individual silos each of which requires a separate lifting scaffold. The walls of the silo at Tiszapalgar are made of prefabricated moulded concrete elements which makes possible the use of a self-lifting single-level scaffold whereby all the material and work required for the formwork and scaffolding can be dispensed with. A ten-unit silo may thus be constructed with practically no timber at all. The use of moulded elements in the construction of silos is not a new conception however the employment of self-lifting scaffolds for this type of construction is novel and ingenious.

3

CZIGLINA, V.

TECHNOLOGY

PERIODICAL: "NEDZIĘGNIĘTYCH SZEŁ L.", Vol. 8, no. 8/9, Aug./Sept. 1958

Cziglina, V. A new soil strengthening process based on sodium chloride. p. 358.

Monthly list of East European Accessions (EEA) L, Vol. 8, No. 2,
February 1959, Unclass.

VARDAY, Gyorgy, dr.; BICZOK, Imre; OCSVAR, Rezso; LANTOS, Zoltan; SZIMELY, Karoly; BERENYI, Akos, dr.; FEHER, Gyula; GALLI, Laszlo; BAKOS, Laszlo; CZIGLLINA, Vilmos; GABOS, Gyorgy; SZILAGYI, Gyula; RONAI, Andras; KOVACS, Gyorgy; BACHMANN, Alfred; STEGMULLER, Jozsef; RETHATI, Laszlo; NAGY, Zoltan.

Hydrological questions of the construction industry in Hungary.
Hidrologiai kozlony 36 no.3:169-170 Je'56.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Galli).
2. "Hidrologiai Kozlony" felelos szerkesztoje (for Kovacs).

CZIGLINA, Vilmos; SPANYI, Erno; SZEPESI, Karoly

Insulation of irrigation canals. Vizugyi kozl no.4:519-548
'59.

CZIGLINA, Vilmos, okleveles mernok; MARTON, Jozsef, okleveles mernok;
SPANYI, Erno, okleveles mernok

Watertight curtains and cutoffs. Vizugyi kozl no.3:431-459
'62.

1. Tatabanyai Szenbanyaszati Troszt csoportvezeto fomernoke
(for Czeglina). 2. Orszagos Vizugyi Felgazgatossag Vizepitoipari
Foosztalyanak fomernoke (for Marton). 3. Foldmero es
Talajvizsgalo Vallalat nyugalmazott tervező mernoke (for Spanyi).

BARTOS, Gabor; SZOLLOSY, Laszlo; CZIGNER, Jeno; PINTER, Andras

The use of hemostatic gelatin sponge in loose blood vessel prosthesis. Kiserl. orvostud. 15 no. 3:225-229 Je '63.

1. Pecsi Orvostudomanyi Egyetem Sebeszeti Anatomiai es Mutettani Intezete es II. sz. Sebeszeti Klinikaja.
(GELATIN) (BLOOD VESSEL PROSTHESIS) (HEMOSTASIS)